

Work Order ID 124215

124215

Page 2

October-02-14 1:14:36 PM

Item ID: D206-817-011 Accept ***N900040100*** Setup Start ***NS1***
Revision ID: U/R (URF14-547) Stop ***NS2***
Item Name: Screw-In Windshield Modification
Start Date: 9/15/14 Start Qty: 3.00 ***3*** Cust Item ID:
Required Date: 9/24/14 Req'd Qty: 3.00 ***3*** Customer:
Reference:

Approvals: Process Plan: _____ Date: _____ Tooling: _____ Date: _____ Run Start ***NR1***
QC: _____ Date: _____ SPC (Y/N): _____ Date: _____ Stop ***NR2***

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
120	QC4- 100% Inspect kits for completeness	0.00							
120						(3)			DAS
QC	Memo	0.00							38 14-10-27
Quality Control									9-89
130	Packaging	0.00							
130						3			DAS
Packaging	Memo	0.00							05
Packaging	Identify and pack for shipping as per PPP D206-817-011 Location: <u>F6033</u>								9-89
	PPP Rev: _____								
140	QC21- Final Inspection - Work Order Release	0.00							
140									
QC	Memo	0.00							
Quality Control									

OCT 31 2014

DAS
05
9-89

14/11/3

14-10-31

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Work Order ID: 124215

124215

Parent Item: D206-817-011

D206-817-011

Parent Item Name: Screw-In Windshield Modification

Start Date: 9/15/14

Required Date: 9/24/14

Start Qty: 3.00

Required Qty: 3.00

Comments: IPP REV:A 12.02.14 NEW ISSUE DD VERF: IPP REV:B
12.05.09 AS PER IIN REV.C DD VERF:EC IPP REV:C 12.06.12
ECN 12-602 DD VERF:EC IPP REV:D 13.04.23 as per IIN
dwg rev.D DD verf:JLM IPP REV:E 13.06.26 as per
CHG004/DSI9659 DD VERF:JFS IPP REV:F 14.03.24 AS PER DSI 9687
DD VERF:JLM

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Qty per Kit	Total Qty	Qty Issued	Date Issued	Status
D4541-1	DAS 38 9-89	Manufactured	No			110	Each	7.0000	1 3				
D4541-1									**			DAS 28 9-89	OCT 21 2014
Bracket													
				<u>Location</u>				<u>Loc Qty</u>	<u>Loc Code</u>				
				ST634				7					
					118995			7					
D4541-2		Manufactured	No			110	Each	5.0000	1 3				
D4541-2									**			DAS 28 9-89	DAS 28 9-89
Bracket													
	DAS 38 9-89			<u>Location</u>				<u>Loc Qty</u>	<u>Loc Code</u>				
				ST619				5					
					115358			2					
					116108			3					
D4542-1		Manufactured	No			110	Each	15.0000	1 3				
D4542-1									**			DAS 28 9-89	DAS 28 9-89
Retainer, Inner, LH													
	DAS 38 9-89			<u>Location</u>				<u>Loc Qty</u>	<u>Loc Code</u>				
				ST627				12					
					122802			8					
					123557			4					
				ST629				3					
					116077			3					

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Work Order ID: 124215

124215

Parent Item: D206-817-011

D206-817-011

Parent Item Name: Screw-In Windshield Modification

Start Date: 9/15/14

Required Date: 9/24/14

Start Qty: 3.00

Required Qty: 3.00

D4542-2 Manufactured No

110 Each

5.0000

D4542-2

Retainer, Inner, RH

DAS
38
9-89



**

DAS
28
9-89

OCT 2 16 2014

Location

Loc Qty

Loc Code

ST628

3

116101

3

3x

st630

2

121155

2

D4541-3 Manufactured No

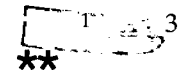
110 Each

12.0000

D4541-3

Bracket

DAS
38
9-89



**

DAS
28
9-89

DAS
28
9-89

Location

Loc Qty

Loc Code

ST619

10

123618

10

3x

ST635

2

109382

2

D4541-4 Manufactured No

110 Each

13.0000

D4541-4

Bracket, RH

DAS
38
9-89



**

DAS
28
9-89

DAS
28
9-89

Location

Loc Qty

Loc Code

ST619

10

123665

10

3x

ST635

3

109484

1

115295

2

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Work Order ID: 124215

124215

Parent Item: D206-817-011

D206-817-011

Parent Item Name: Screw-In Windshield Modification

Start Date: 9/15/14

Required Date: 9/24/14

Start Qty: 3.00

Required Qty: 3.00

D4541-5 Manufactured No

110 Each

7.0000

D4541-5

Bracket, LH

DAS
38
9-89

Location

Loc Qty

Loc Code

ST621

3

115219

1

115920

2

ST635

4

122256

4

1 3
**

DAS
28
9-89

OCT 21 2014

D4541-6 Manufactured No

110

Each

13.0000

D4541-6

Bracket, RH

DAS
38
9-89

Location

Loc Qty

Loc Code

ST621

3

115293

3

ST635

10

123645

10

1 3
**

DAS
28
9-89

OCT 21 2014

D4541-7 Manufactured No

110

Each

8.0000

D4541-7

Bracket

DAS
38
9-89

Location

Loc Qty

Loc Code

ST621

2

116104

2

ST635

6

122362

6

1 3
**

DAS
28
9-89

OCT 21 2014

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Work Order ID: 124215

124215

Parent Item: D206-817-011

D206-817-011

Parent Item Name: Screw-In Windshield Modification

Start Date: 9/15/14

Required Date: 9/24/14

Start Qty: 3.00

Required Qty: 3.00

D4541-8
D4541-8
 Bracket

DAS
 38
 9-89

Manufactured No

110 Each

13.0000

1 3

**

DAS
 28
 9-89

OCT 21 2014

Location Loc Qty Loc Code

st527A 2

115956 2

ST636 11

123652 11

D4542-3
D4542-3
 Retainer, Inner

DAS
 38
 9-89

Manufactured No

110 Each

21.0000

2 6

**

DAS
 28
 9-89

Location Loc Qty Loc Code

ST636 21

121013 21

D4542-5
D4542-5
 Retainer, Inner

DAS
 38
 9-89

Manufactured No

110 Each

4.0000

2 6

**

DAS
 28
 9-89

Location Loc Qty Loc Code

st631 4

120988 4

D4542-7
D4542-7
 Retainer, Inner

DAS
 38
 9-89

Manufactured No

110 Each

14.0000

2 6

**

DAS
 28
 9-89

Location Loc Qty Loc Code

ST626 6

116675 6

ST633 8

119036 4

121173 4

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Shop Packet Print

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Work Order ID: 124215

124215

Parent Item: D206-817-011

D206-817-011

Parent Item Name: Screw-In Windshield Modification

Start Date: 9/15/14

Required Date: 9/24/14

Start Qty: 3.00

Required Qty: 3.00

D4543-1 Manufactured No

110 Each

5.0000

1 3

D4543-1

Retainer, LH Outer (Lower)

DAS
38
9-89

**

DAS
28
9-89

OCT 2 1 2014

Location

Loc Qty

Loc Code

ST629

5

121031

5

D4543-2 Manufactured No

110 Each

5.0000

3x

D4543-2

Retainer, Outer, RH

DAS
38
9-89

**

DAS
28
9-89

125603 x1

Location

Loc Qty

Loc Code

ST620

5

122330

5

125590 x2

D4543-3 Manufactured No

110 Each

6.0000

3

D4543-3

Retainer, Outer, LH

DAS
38
9-89

**

DAS
28
9-89

Location

Loc Qty

Loc Code

ST620

2

116058

2

ST621

4

122334

4

2x

1x

D4543-4 Manufactured No

110 Each

7.0000

3

D4543-4

Retainer, RH Outer (Sloe)

DAS
38
9-89

**

DAS
28
9-89

Location

Loc Qty

Loc Code

ST621

4

122250

4

st631

3

109040

3

2x

1x

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Shop Packet Print

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Work Order ID: 124215

124215

Parent Item: D206-817-011

D206-817-011

Parent Item Name: Screw-In Windshield Modification

Start Date: 9/15/14

Required Date: 9/24/14

Start Qty: 3.00

Required Qty: 3.00

D4543-5 Manufactured No

110 Each

6.0000

D4543-5

Retainer, Outer, LH

DAS
38
9-89

**

OCT 21 2014

Location

Loc Qty

Loc Code

ST-622

4

122372

4

ST623

2

101832

2

D4543-6 Manufactured No

110 Each

2.0000

D4543-6

Retainer, Outer, RH

DAS
38
9-89

**

DAS
28
9-89

Location

Loc Qty

Loc Code

ST627

2

108205

1

115993

1

D4544-1 Manufactured No

110 Each

9.0000

D4544-1

Retainer, Center

DAS
38
9-89

**

DAS
28
9-89

Location

Loc Qty

Loc Code

ST

9

123675

9

D4594-1 Manufactured No

110 Each

5.0000

D4594-1

Plate

DAS
38
9-89

**

DAS
28
9-89

Location

Loc Qty

Loc Code

ST636

5

122300

5

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Shop Packet Print

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Work Order ID: 124215

124215

Parent Item: D206-817-011

D206-817-011

Parent Item Name: Screw-In Windshield Modification

Start Date: 9/15/14

Required Date: 9/24/14

Start Qty: 3.00

Required Qty: 3.00

D4595-150-13

Manufactured No

110 Each

403.0000

2 6

D4595-150-13

Sealant-Tape (13' Long)

DAS
38
9-89

**

DAS
28
9-89

OCT 21 2014

Location

Loc Qty

Loc Code

MF

356

119766

356

pk16

40

120054

40

ST525

7

116922

3

119831

4

AN525-10R7

Purchased No

110 Each

914.0000

95 285

AN525-10R7

SCREW

DAS
38
9-89

**

DAS
28
9-89

Location

Loc Qty

Loc Code

ST329

914

m127447

2

m128429

750

m129706

162

MS20426AD3-4

Purchased No

110 Each

4,484.000

190 570

MS20426AD3-4

RIVET

DAS
38
9-89

**

DAS
28
9-89

Location

Loc Qty

Loc Code

ST315

4484

125578

2102

m127432

2382

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Work Order ID: 124215

Parent Item: D206-817-011

Parent Item Name: Screw-In Windshield Modification

124215

D206-817-011

Start Date: 9/15/14

Required Date: 9/24/14

Start Qty: 3.00

Required Qty: 3.00

MS21059L08

Purchased

No

110

Each

479.0000

43 129

MS21059L08

DAS
38
9-89

**

DAS
26
9-89

Nut

Location

Loc Qty

Loc Code

ST304

225

m129934

225

ST508

254

123185

1

125654

249

m124291

4

129X

MS21059L3K

Purchased

No

110

Each

898.0000

93 279

MS21059L3K

DAS
38
9-89

**

DAS
26
9-89

Nutplate

Location

Loc Qty

Loc Code

ST305

898

m127635

179

m127703

16

m129198

2

m129472

301

m129913

400

279X

MS21061L08

Purchased

No

110

Each

60.0000

10 30

MS21061L08

DAS
38
9-89

**

OCT 20 2014

Nutplate

Location

Loc Qty

Loc Code

ST304

60

m128635

60

30

DAS
26
9-89

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Work Order ID: 124215

124215

Parent Item: D206-817-011

D206-817-011

Parent Item Name: Screw-In Windshield Modification

Start Date: 9/15/14

Required Date: 9/24/14

Start Qty: 3.00

Required Qty: 3.00

MS21075L08

Purchased

No

110

Each

260.0000

1 3

DAS
26
9-89

MS21075L08

DAS
38
9-89

ANCHOR NUT

Location

Loc Qty

Loc Code

ST302

260

M126145

2

M128635

200

M128813

58

MS27039-08-10

Purchased

No

110

Each

1,552.000

42 126

DAS
26
9-89

MS27039-08-10

DAS
38
9-89

Screw

Location

Loc Qty

Loc Code

Mezz

6

5865

6

ST287

1546

123265

47

m127430

25

m128799

1474

NAS1149DN832J

Purchased

No

110

Each

1,659.000

42 126

DAS
26
9-89

OCT 17 2014

NAS1149DN832J

Washer

DAS
38
9-89

Location

Loc Qty

Loc Code

ST277

1659

M128948

147

124555

145

M126319

11

M127255

44

M128429

883

M129499

137

M129541

292

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Work Order ID: 124215

124215

Parent Item: D206-817-011

D206-817-011

Parent Item Name: Screw-In Windshield Modification

Start Date: 9/15/14

Required Date: 9/24/14

Start Qty: 3.00

Required Qty: 3.00

MS21061L3K

Purchased

No

110

Each

28.0000

2.6

DAS

28

9-89

OCT 17 2014

MS21061L3K

DAS

38

9-89

NUT-PLATE

Location

Loc Qty

Loc Code

GA

4

125268

4

ST317

24

123603

24

DAS
38
9-89

Lex

REFERENCE ONLY

DART AEROSPACE LTD.

DAS
38
9-89

IIN-D206-817
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4.0 WEIGHT AND BALANCE

The weight and balance for the D206-817-011 kit is as follows. These are net weights and include the parts removed.

Installation	Weight	LONGITUDINAL	
		Arm	Moment
D206-817-011	2.8 lb	40 in	112 in-lb
Screw-In Windshield Modification Kit	1.3 kg	1.0 m	1.3 m-kg

5.0 PARTS LIST

Qty -011	Part Number	Description
X	D206-817-011	SCREW-IN WINDSHIELD MODIFICATION KIT (MODIFIES BOTH LH & RH WINDSHIELDS)
1	D4541-3	BRACKET, LH
1	D4541-4	BRACKET, RH
1	D4541-5	BRACKET, LH
1	D4541-6	BRACKET, RH
1	D4541-7	BRACKET, LH
1	D4541-8	BRACKET, RH
2	D4542-3	RETAINER, INNER
2	D4542-5	RETAINER, INNER
2	D4542-7	RETAINER, INNER
1	D4543-1	RETAINER, LH OUTER (LOWER)
1	D4543-2	RETAINER, RH OUTER (LOWER)
1	D4543-3	RETAINER, LH OUTER (SIDE)
1	D4543-4	RETAINER, RH OUTER (SIDE)
1	D4543-5	RETAINER, LH OUTER (SIDE)
1	D4543-6	RETAINER, RH OUTER (SIDE)
1	D4544-1	RETAINER, CENTER
1	D4545-041	RETAINER, LH INNER (LOWER)
1	D4545-042	RETAINER, RH INNER (LOWER)
1	D4594-1	PLATE
1	D4595-150-25	SEALANT TAPE (25' LONG)
95	AN525-10R7	SCREW
112	MS20426AD3-4	RIVET
23	MS21059L08	NUTPLATE
56	MS21059L3K	NUTPLATE
10	MS21061L08	NUTPLATE
1	MS21075L08	NUTPLATE
22	MS27039-0810	SCREW
22	NAS1149DN832J	WASHER (OR AN960JD8)

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Revision: D
Date: 13.04.15

REFERENCE ONLY

DAS

38

9-89

DART SERVICE INSTRUCTION

TO AMEND INSTALLATION INSTRUCTIONS IIN-D206-817 REV. D
& INSTRUCTIONS FOR CONTINUED AIRWORTHINESS ICA-D206-817 REV. 2

REF. TCCA STC SH12-3
REF. FAA STC SR03091NY
REF. EASA STC 10039042

1.0 PURPOSE

THE PURPOSE OF THIS DART SERVICE INSTRUCTION (DSI) IS TO FACILITATE INSTALLATION OF THE RETAINERS ON THE LOWER PORTION OF THE WINDSHIELD, FOR D206-817-011 KITS AT CHG 005 OR LATER, BY REPLACING THE RIGID D4545-041/-042 RETAINER ASSEMBLIES WITH SEPARATE BRACKETS AND RETAINERS THAT ARE ASSEMBLED BY THE INSTALLER AND ALLOW FOR EASIER ADJUSTMENT.

2.0 PARTS LIST

(IS)

QTY 011	PART NUMBER	DESCRIPTION
X	D206-817-011	SCREW IN WINDSHIELD MODIFICATION KIT (MODIFIES BOTH LH & RH WINDSHIELDS)
1	D4541-1	BRACKET
1	D4541-2	BRACKET
1	D4542-1	RETAINER
1	D4542-2	RETAINER
190	MS20426AD3-4	RIVET
43	MS21059L08	NUTPLATE
93	MS21059L3K	NUTPLATE
2	MS21061L3K	NUTPLATE
42	MS27039-0810	SCREW
42	NAS1149DN832J	WASHER

(ADDED)

(WAS)




QTY 011	PART NUMBER	DESCRIPTION
X	D206-817-011	SCREW IN WINDSHIELD MODIFICATION KIT (MODIFIES BOTH LH & RH WINDSHIELDS)
1	D4545-041	RETAINER, LH INNER (LOWER)
1	D4545-042	RETAINER, RH INNER (LOWER)
112	MS20426AD3-4	RIVET
23	MS21059L08	NUTPLATE
56	MS21059L3K	NUTPLATE
22	MS27039-0810	SCREW
22	NAS1149DN832J	WASHER

CANADA
DEPARTMENT OF TRANSPORT
AIRCRAFT CERTIFICATION
BRANCH
DAO # 01-O-01

APPROVED

BY: 
D. SHEPHERD (DE # 02)

DATE: 14.03.18
CERT. NO.: SH12-3
ISSUE NO.: 1

A	NEW ISSUE	AJS	14.03.18
REV.	DESCRIPTION		BY DATE
DESIGN	AJS	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA	
DRAWN	AJS		
CHECKED		DRAWING NO.	REV. A
MFG. APPR.	N/A	DSI 9687	SHEET 1 OF 4
APPROVED		TITLE	SCALE
DE APPR.		RETAINER UPGRADE	NTS
DATE	14.03.18	COPYRIGHT © 2014 BY DART AEROSPACE LTD THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL AND IS SUPPLIED ON THE EXPRESS CONDITION THAT IT IS NOT TO BE USED FOR ANY PURPOSE OR COPIED OR COMMUNICATED TO ANY OTHER PERSON WITHOUT WRITTEN PERMISSION FROM DART AEROSPACE LTD.	

DART SERVICE INSTRUCTION

TO AMEND INSTALLATION INSTRUCTIONS IIN-D206-817 REV. D
AND INSTRUCTIONS FOR CONTINUED AIRWORTHINESS ICA-D206-817 REV.2
OR LATER APPROVED REVISION

REF. TCCA STC: SH12-3
REF. FAA STC: SR03091NY
REF. EASA STC: 10039042

1.0 PURPOSE

AT CHG 004 AND SUBSEQUENT, THE D206-817-011 SCREW-IN WINDSHIELD MODIFICATION KIT WILL NOW INCLUDE 2x D4595-150-13 SEALANT TAPE (13' LONG) IN LIEU OF 1x D4595-150-25 SEALANT TAPE (25' LONG) IN ORDER TO AVOID THE EXPIRATION OF UNUSED TAPE SHOULD ONLY ONE REPLACEMENT WINDSHIELD BE NECESSARY.

2.0 PARTS LIST

WAS:

QTY 011	Part Number	Description
X	D206-817-011	SCREW-IN WINDSHIELD MODIFICATION KIT (MODIFIES BOTH LH & RH WINDSHIELDS)
1	D4595-150-25	SEALANT TAPE (25' LONG)

IS:

QTY 011	Part Number	Description
X	D206-817-011	SCREW-IN WINDSHIELD MODIFICATION KIT (MODIFIES BOTH LH & RH WINDSHIELDS)
2	D4595-150-13	SEALANT TAPE (13' LONG)

3.0 INSTALLATION

INSTALL THE D4595-150-13 SEALANT TAPE IN THE SAME WAY AS THE D4595-150-25 SEALANT TAPE PER IIN-D206-817 REV. D OR LATER APPROVED REVISION.

4.0 WEIGHT AND BALANCE







THIS CHANGE HAS NO EFFECT ON THE WEIGHT AND BALANCE.

CANADA
DEPARTMENT OF TRANSPORT
AIRCRAFT CERTIFICATION
BRANCH
DAO # 01-O-01

APPROVED

BY: 
D. SHEPHERD (DE # 02)

DATE: 13.06.20
CERT. NO.: SH12-3
ISSUE NO.: 1

A	NEW ISSUE		13.06.20
REV.	DESCRIPTION	BY	DATE
DESIGN		DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA	
DRAWN			
CHECKED		DRAWING NO.	REV. A
MFG. APPR.	N/A	DSI 9659	SHEET 1 OF 1
APPROVED		TITLE	SCALE
DE APPR.		SEALANT TAPE	NTS
DATE	13.06.20	COPYRIGHT © 2013 BY DART AEROSPACE LTD. THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL AND IS SUPPLIED ON THE EXPRESS CONDITION THAT IT IS NOT TO BE USED FOR ANY PURPOSE OR COPIED OR COMMUNICATED TO ANY OTHER PERSON WITHOUT WRITTEN PERMISSION FROM DART AEROSPACE LTD.	

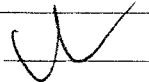
Work Order ID 124215

124215

Page 1

October-02-14 1:14:36 PM

Item ID: D206-817-011 Accept ***N900040100*** Setup Start ***NS1***
 Revision ID: U/R (URF14-547) Stop ***NS2***
 Item Name: Screw-In Windshield Modification
 Start Date: 9/15/14 Start Qty: 3.00 ***3*** Cust Item ID:
 Required Date: 9/24/14 Req'd Qty: 3.00 ***3*** Customer:
 Reference:

Approvals: Process Plan:  Date: _____ Tooling: _____ Date: _____ Run Start ***NR1***
 QC: _____ Date: _____ SPC (Y/N): _____ Date: _____ Stop ***NR2***

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
Draw Nbr	Revision Nbr								
DSI9659	A								
DSI9687	A								
IIN-D206-817	D								
100	Document Control	0.00							
100	DOCUMENT CONTROL								
DC	Memo	0.00							
Doc.Control -USB or Paperwork	Photocopy bluefile & type labels per PPP D206-817-011 CHG006								
110	Pick Kit	0.00							
110									
Packaging	Memo	0.00							
Packaging									

MW 14-10-17
